

## SEQUENCE LISTING

<110> Ingram, L et al.

<120> METHODS AND COMPOSITIONS FOR SIMULTANEOUS  
SACCHARIFICATION AND FERMENTATION

<130> BCI-024CP

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<150> 60/214,137

<151> 2000-06-26

<150> 60/219,913

<151> 2000-07-21

<160> 17

<170> PatentIn Ver. 2.0

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<213> *Zymomonas mobilis*

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 <223> nucleotide positions 1452-2735 encodes celZ gene

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 <223> nucleotide positions 4916-5776 encodes bla gene

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 <223> nucleotide positions 7061-8251 encodes tet gene

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 <223> nucleotide positions 9476-11544 encodes target sequence from K. oxytoca

T061001.1

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1 5 10																
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175 180 185																
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Arg Asp Pro Ile Asn Ala Lys Asn Ile Ala Tyr Thr Leu His Phe Tyr																
225 230 235																

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gac ggc aat ggc gga gtg aac cag aca gat acc gac gcc tgg gta acg 2306  
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 385 390 395

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 Lys His Trp  
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270

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<223> P1 promoter region for celZ from nucleotide position 4424 to 2974

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<223> guide fragment for integration from nucleotide position 4677 to 7573

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<223> sequenced partial guide fragment from nucleotide position 4677 to 5752

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<223> unsequenced partial guide fragment from nucleotide position 5753 to 7573

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<223> P2 promoter region for celY from nucleotide position 7585 to 8576

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<223> R6K-Y ori from nucleotide position 10388 to 10763

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<223> FRTF lipase-binding sequence from nucleotide position 16 to 50

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<223> FRTFlipase-binding sequence from nucleotide position 10058 to 10092

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<223> celZ gene product is encoded by the complement of nucleotides 2973 to 1690

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